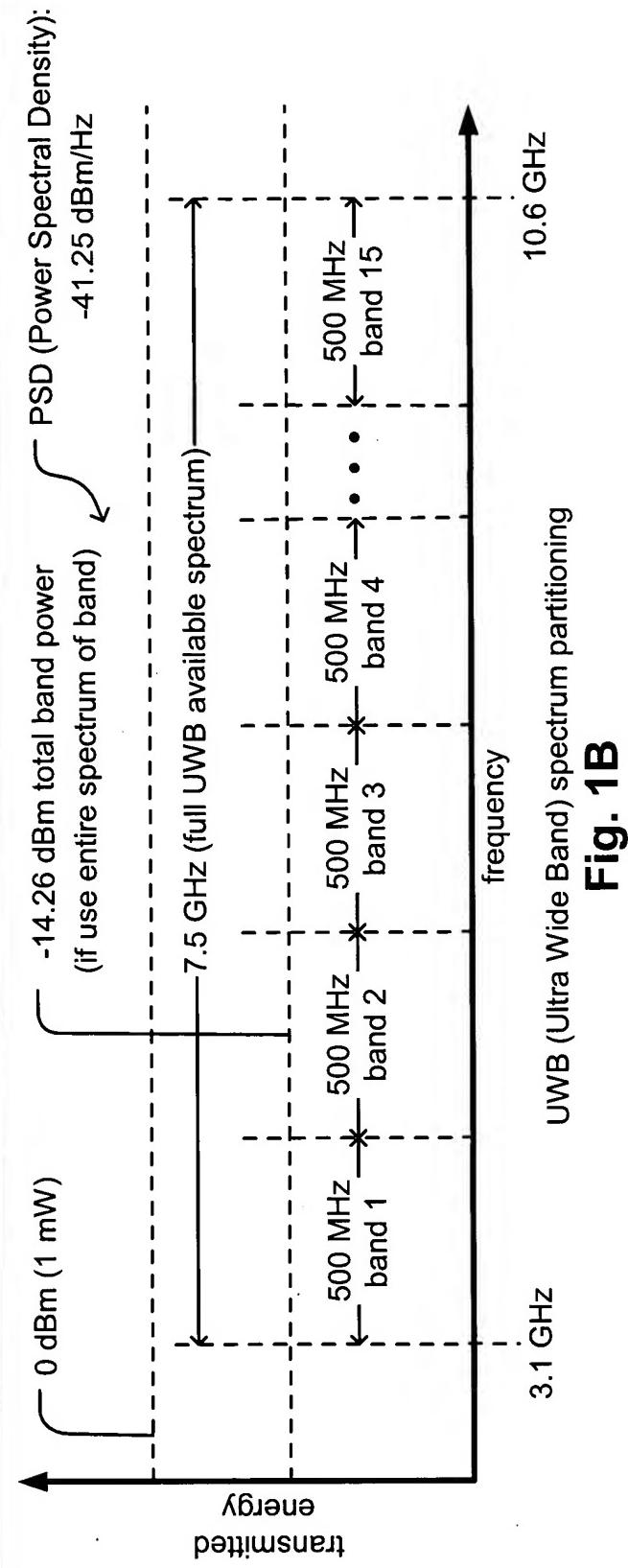
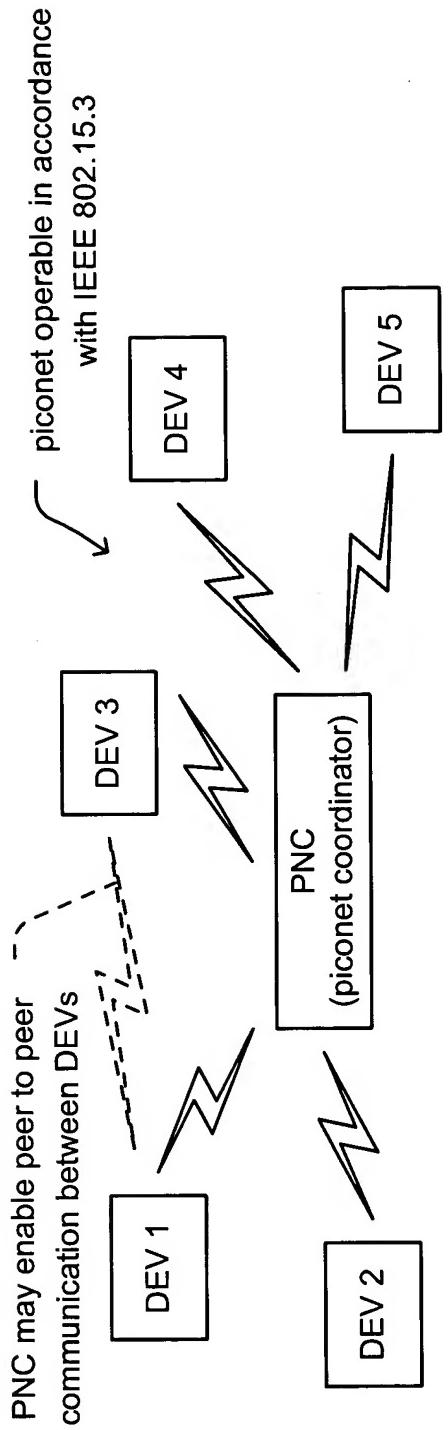
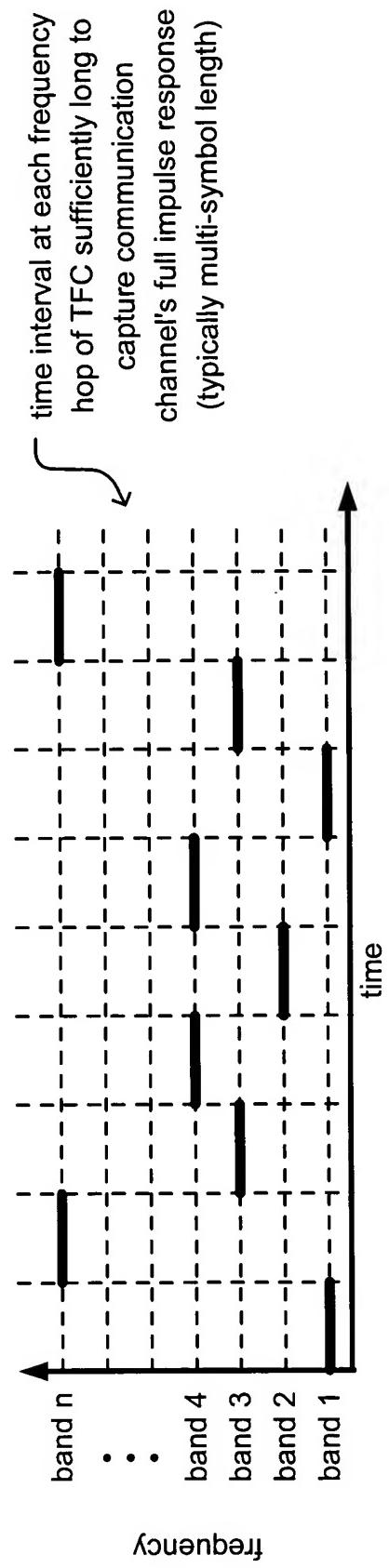
**Fig. 1A****Fig. 1B**



piconet (shown in wireless communication system embodiment)
Fig. 2A



TFC (time frequency code) (having period)
Fig. 2B

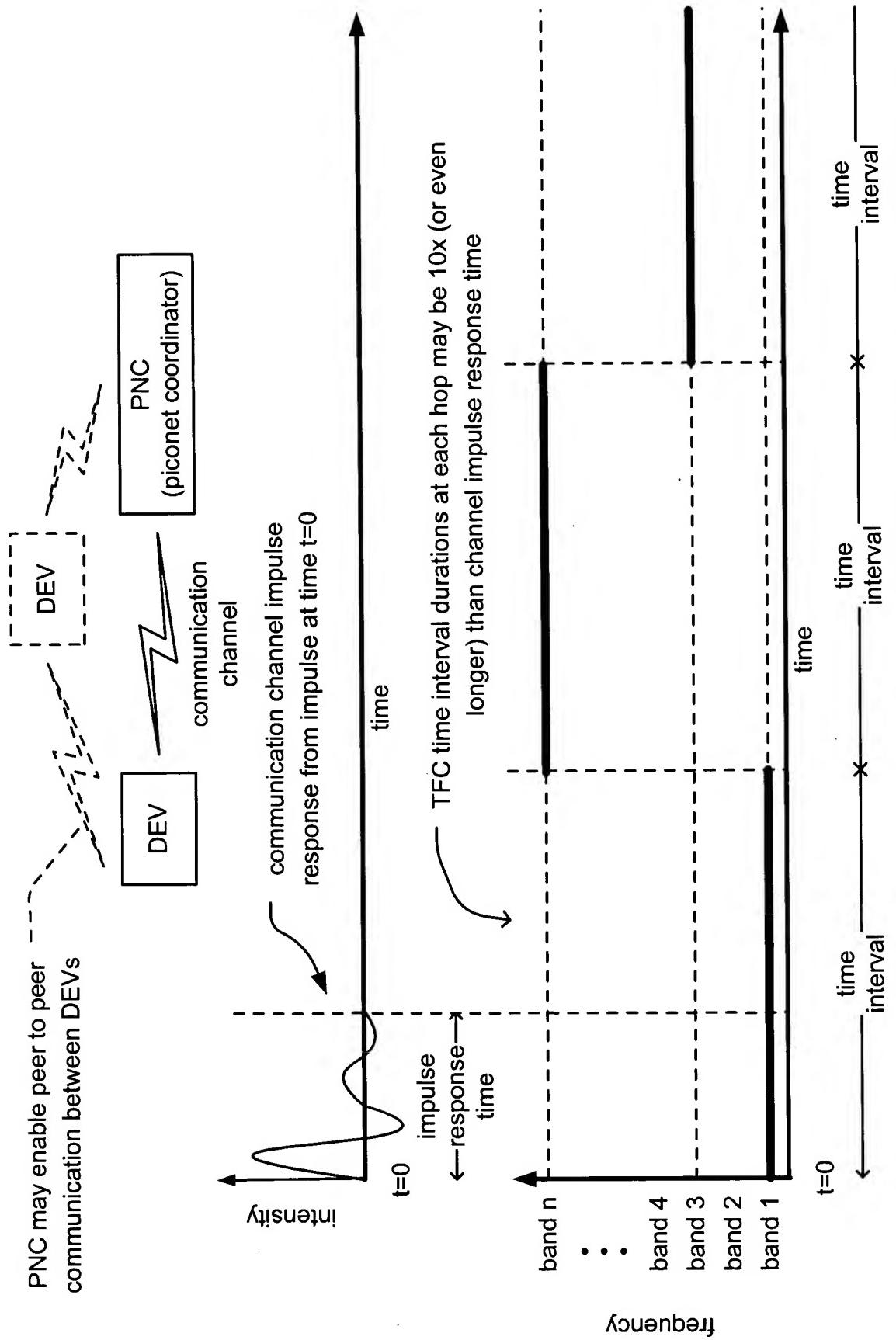
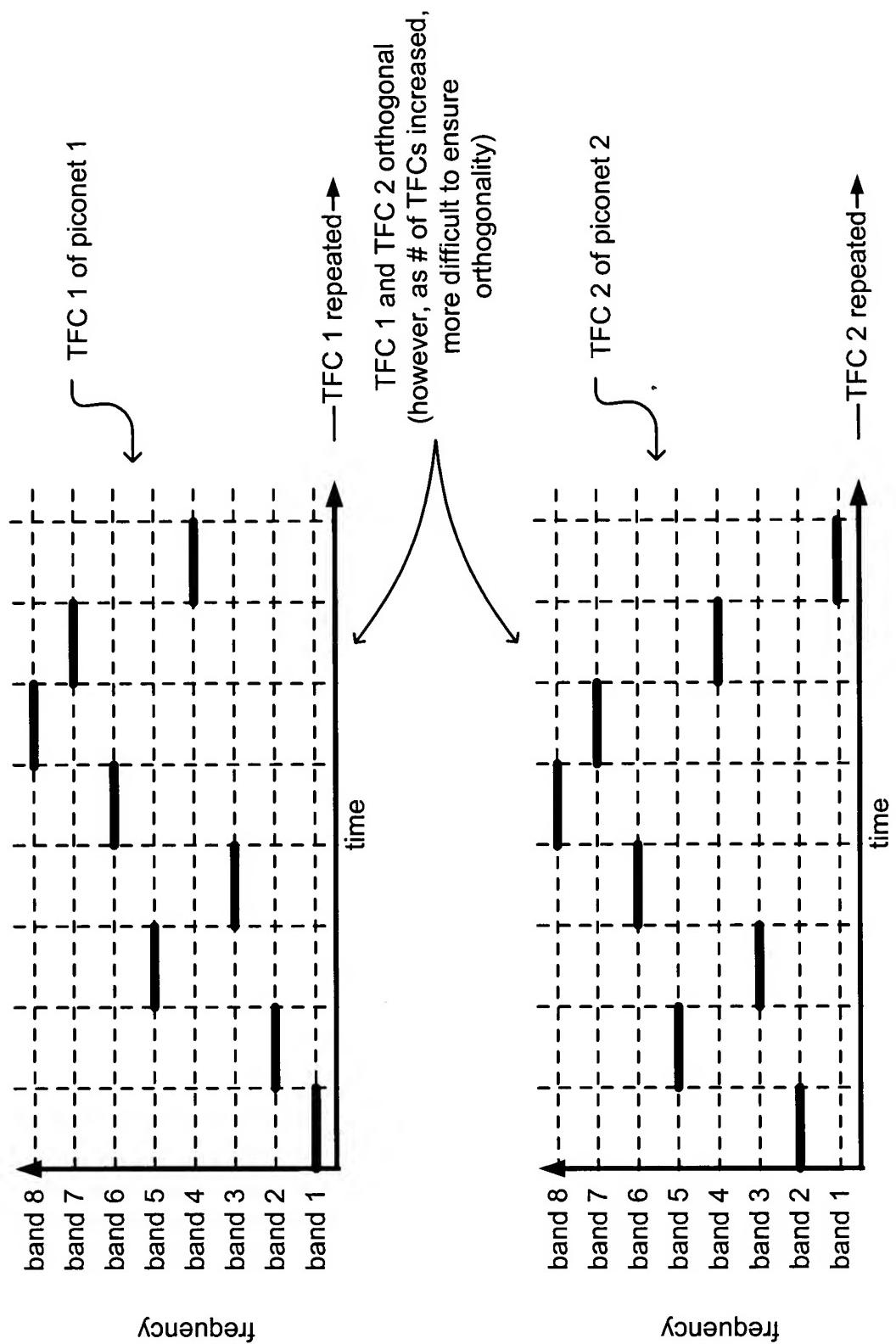
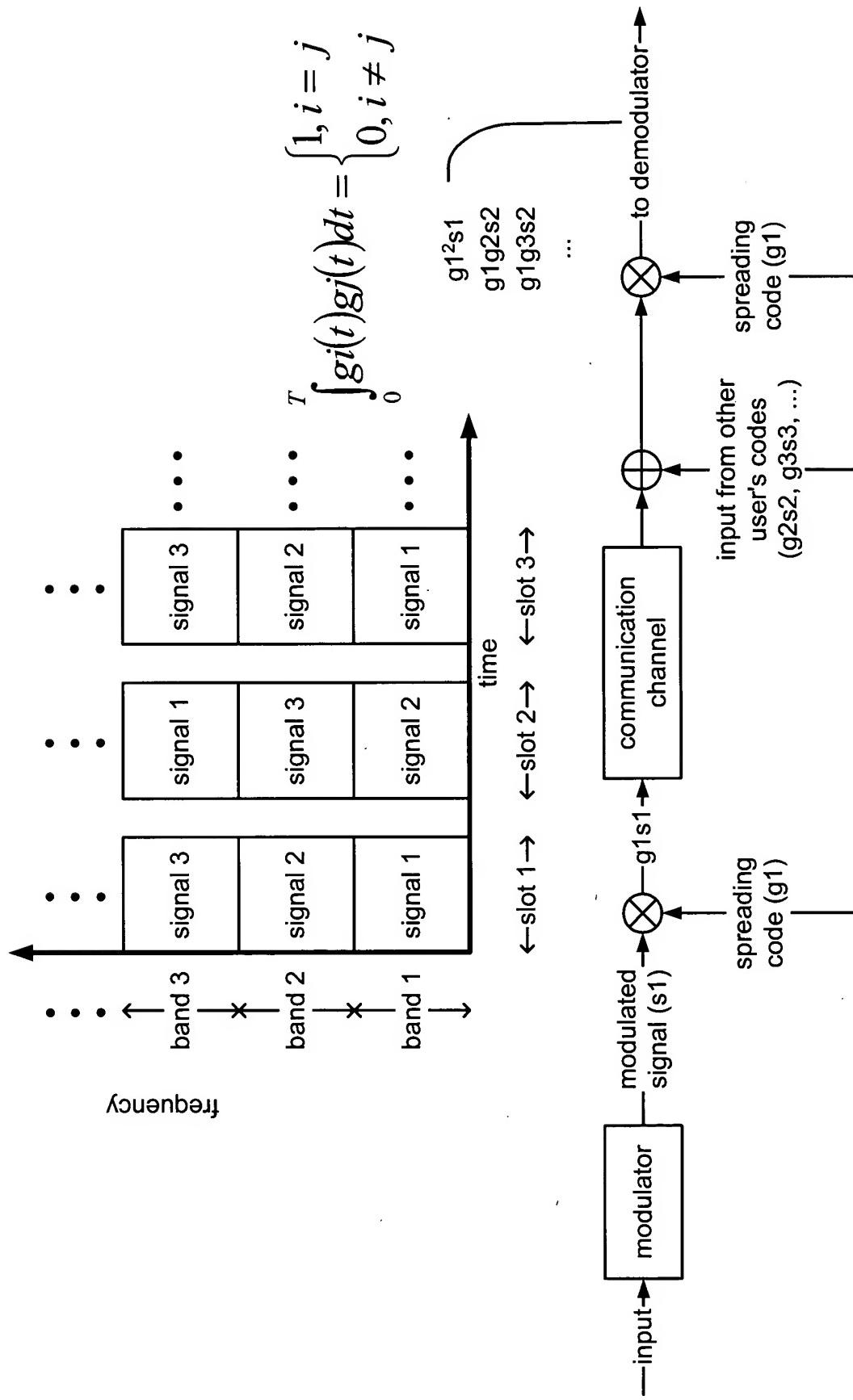


Fig. 3

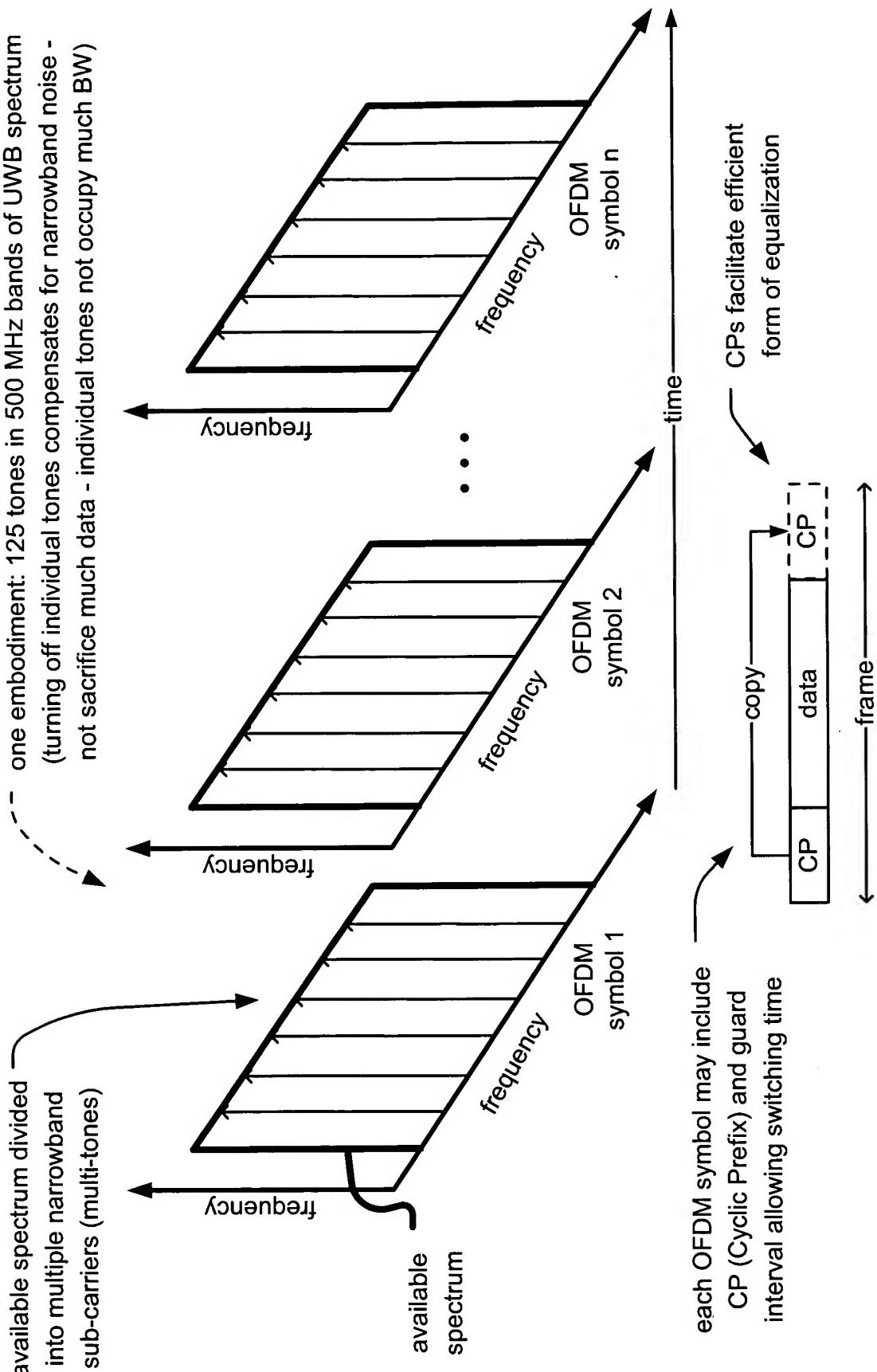


TFC (time frequency code)
Fig. 4



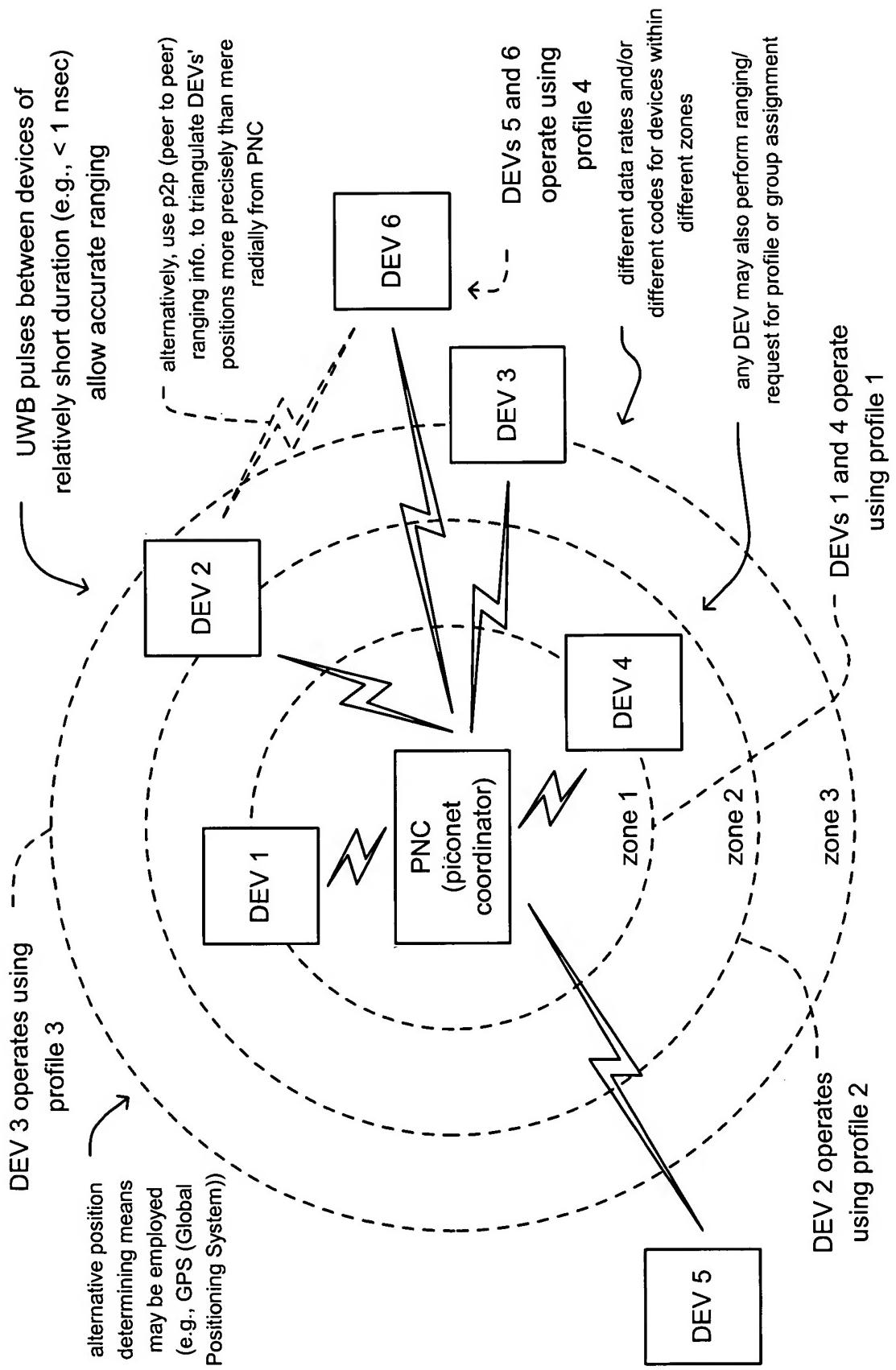
CDMA (Code Division Multiple Access)

Fig. 5

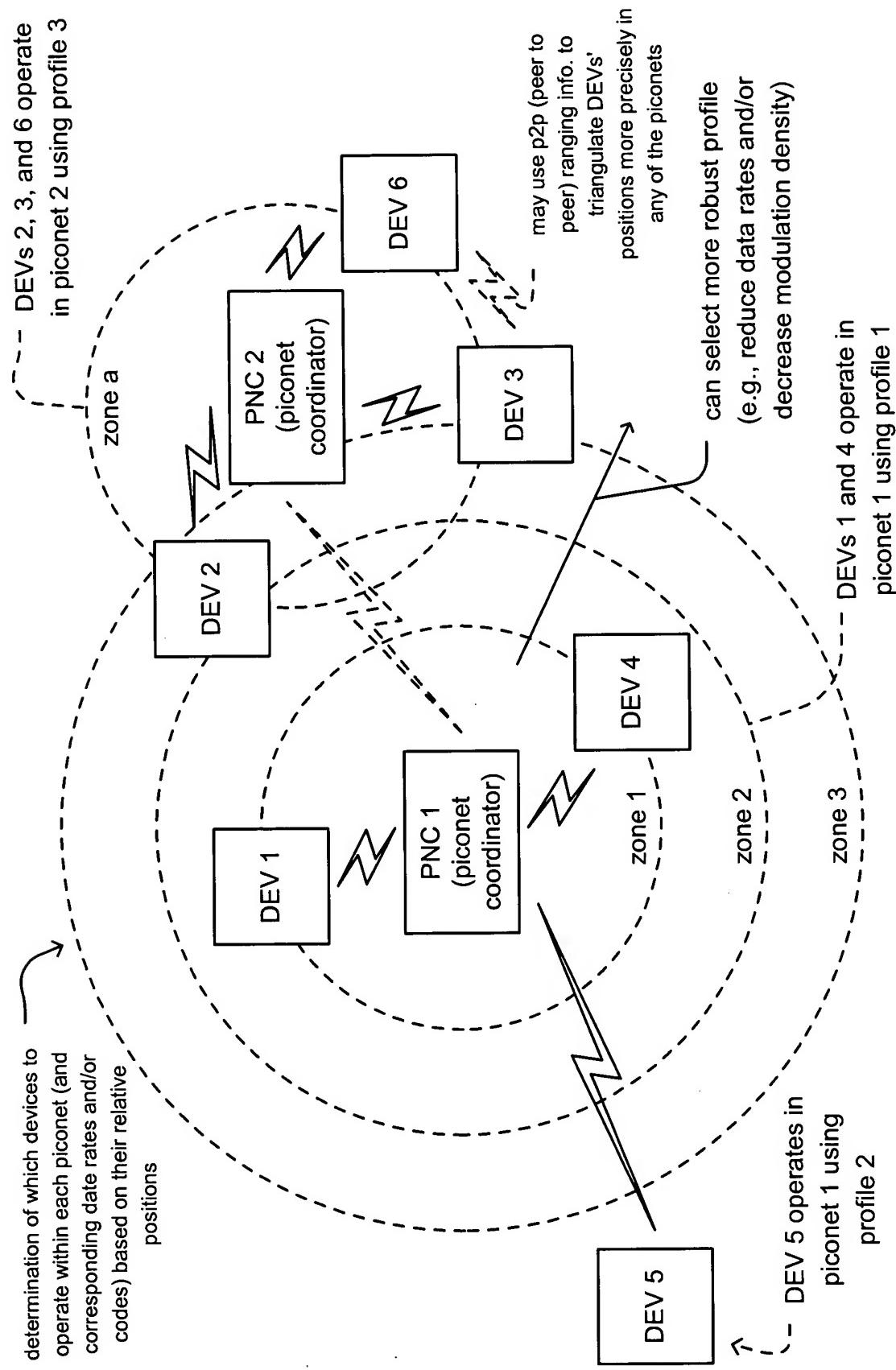


OFDM (Orthogonal Frequency Division Multiplexing) modulation

Fig. 6

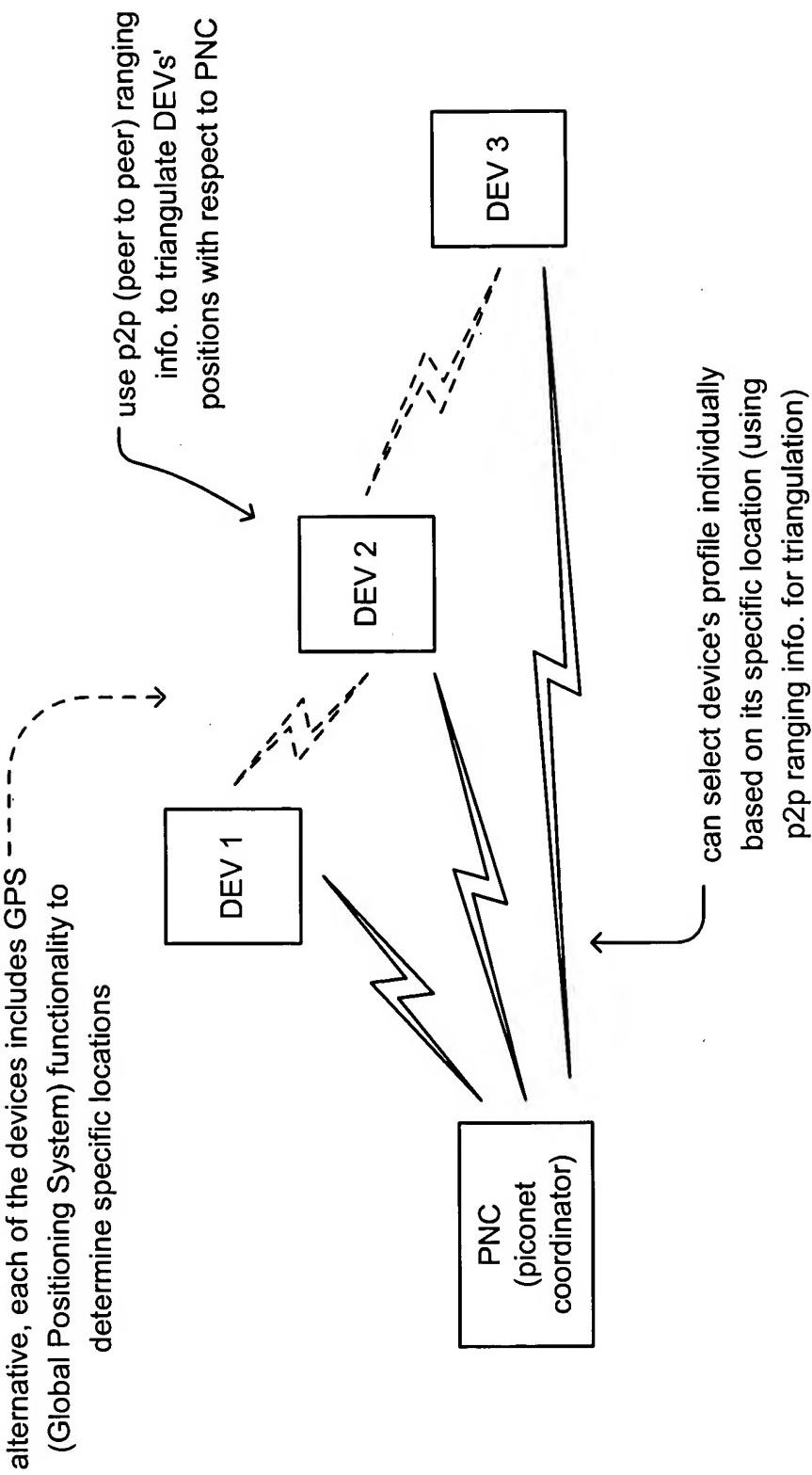


position based intra-piconet management (shown in a radial embodiment)
Fig. 7



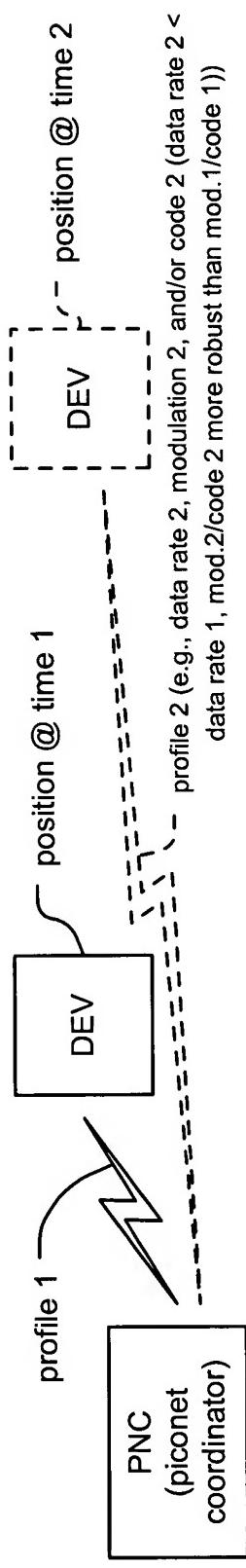
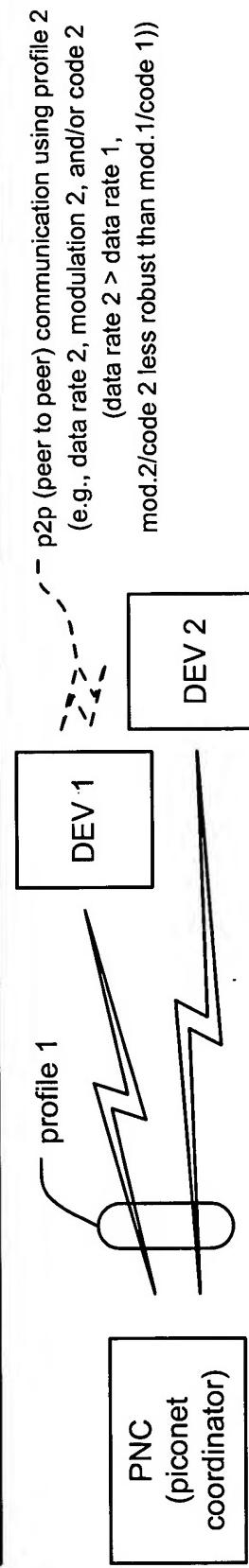
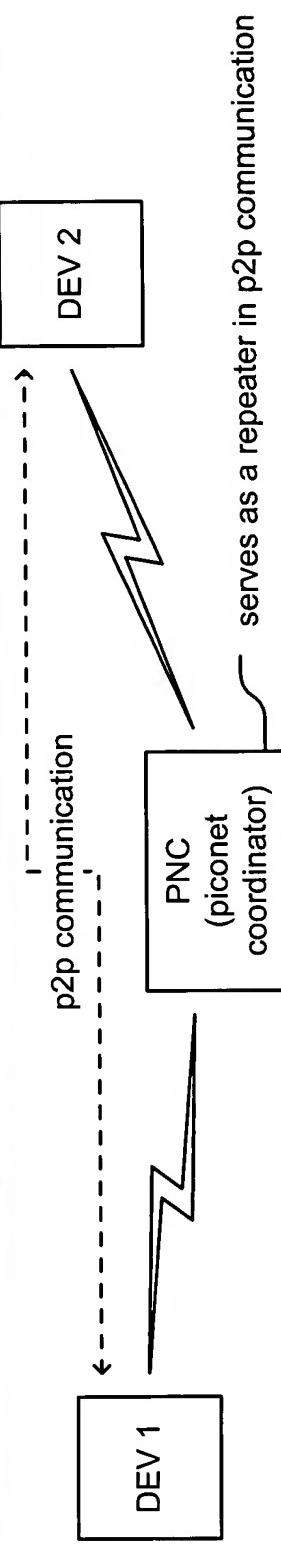
position based inter-piconet management (shown in a radial embodiment)

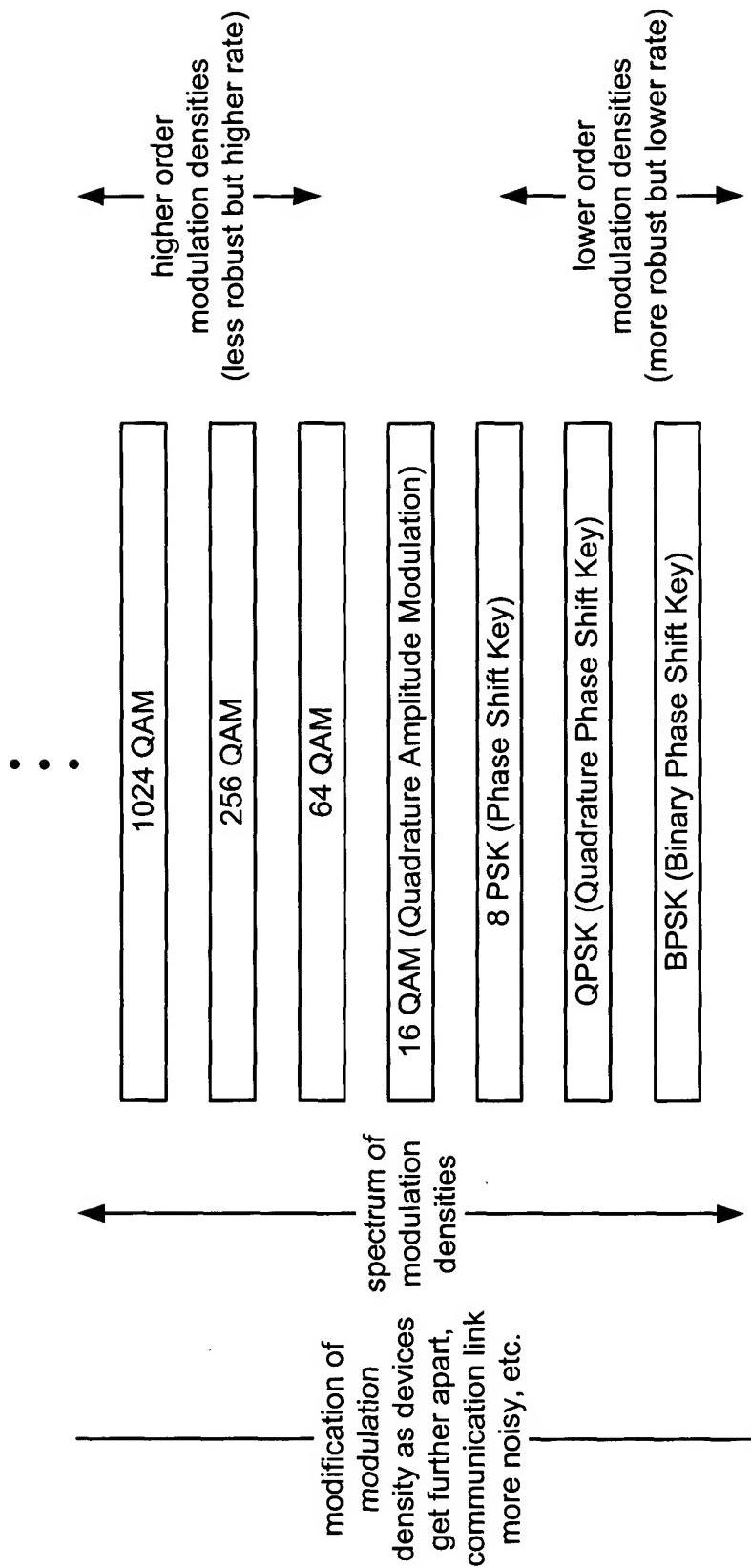
Fig. 8



position based intra-piconet management (shown using triangulation)

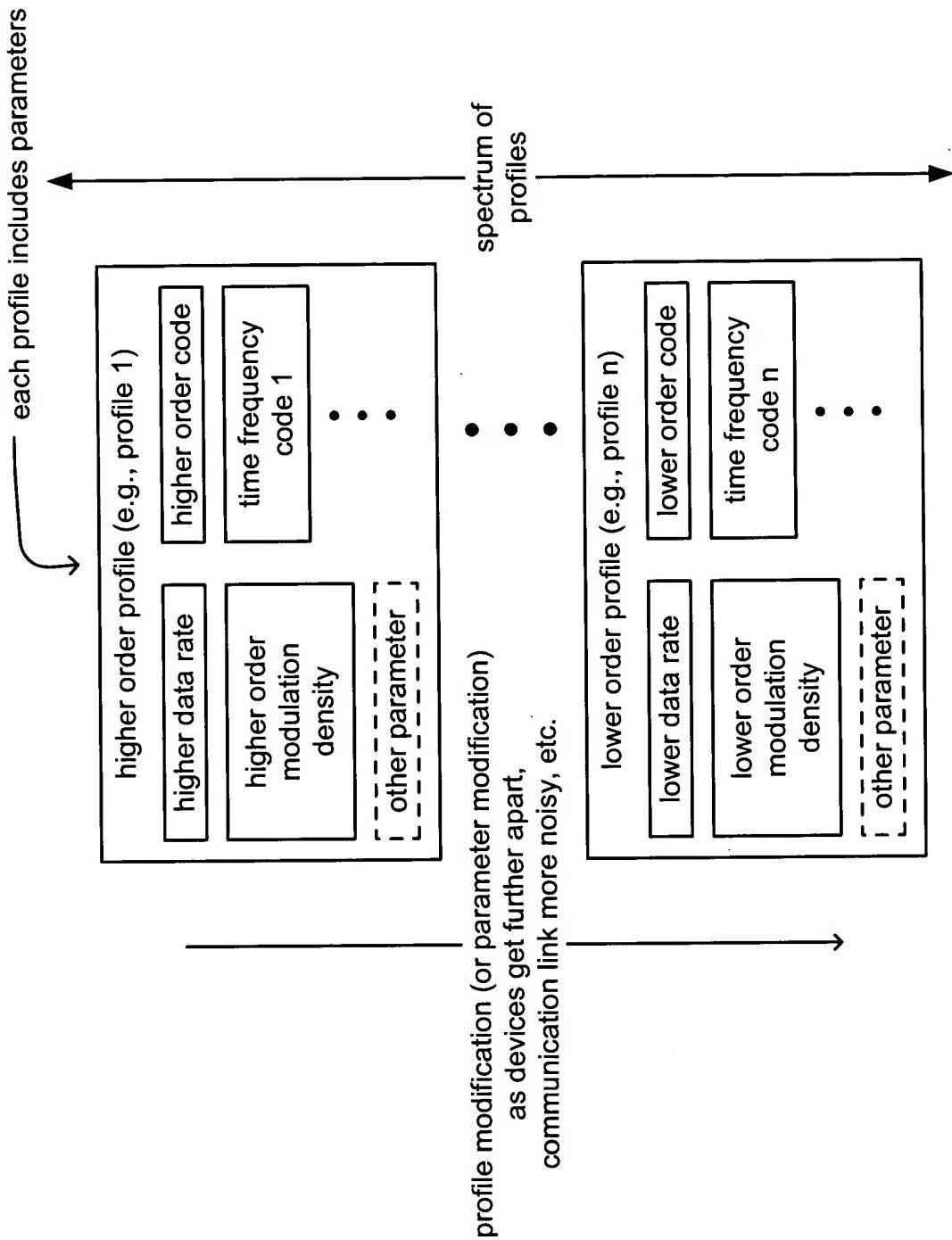
Fig. 9

**Fig. 10A****Fig. 10B****Fig. 10C**



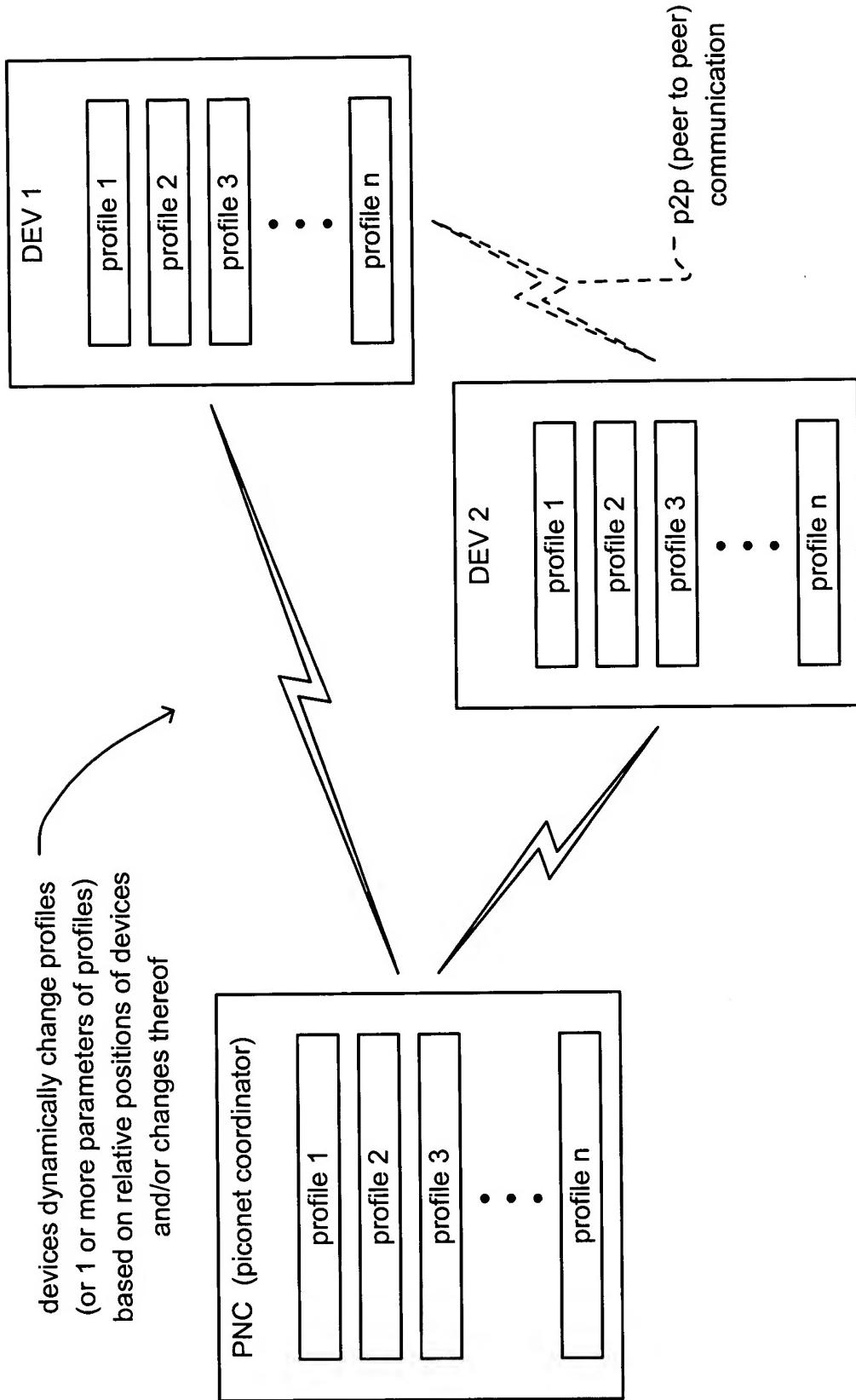
example modulation density modification based on position of devices

Fig. 11



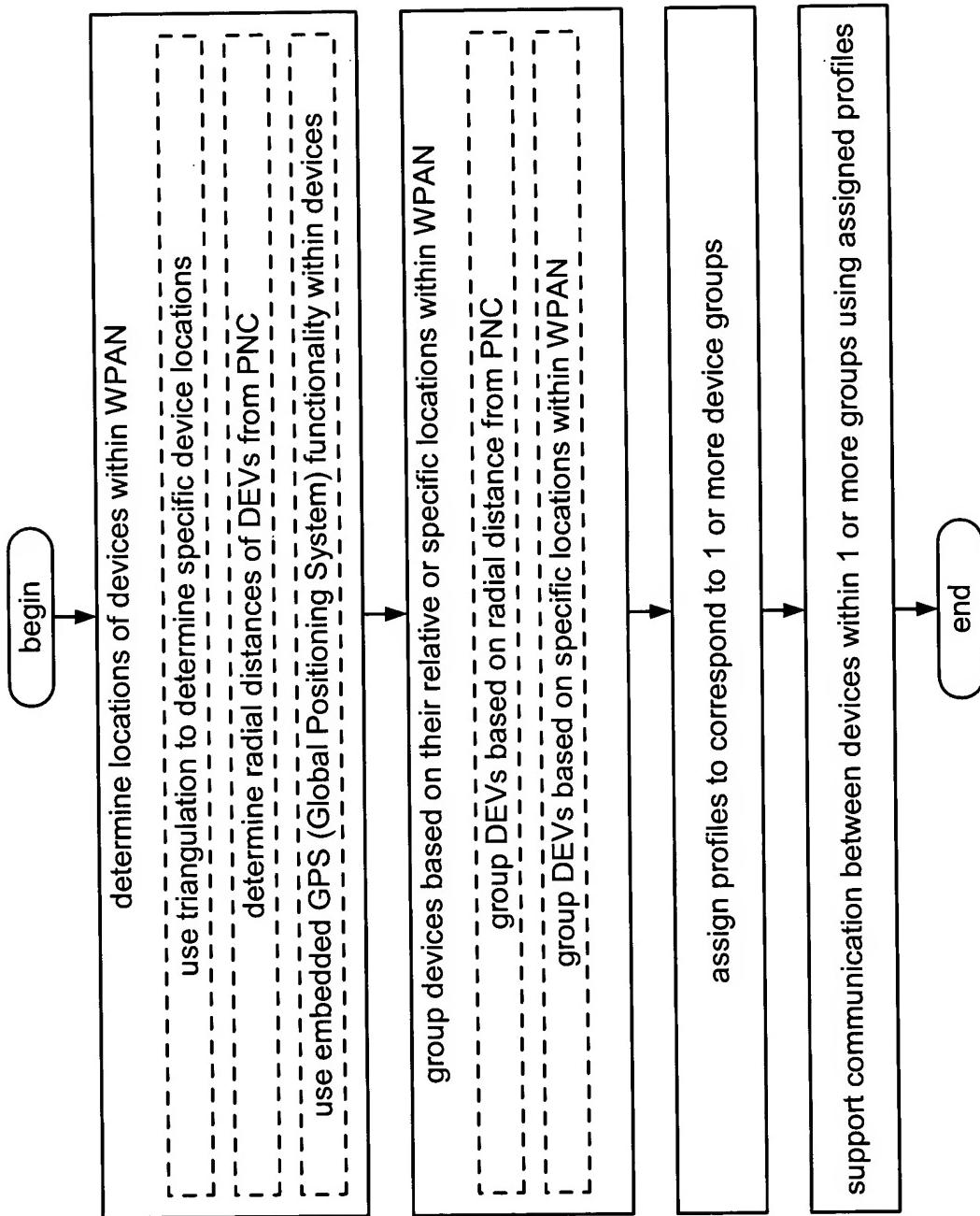
example profile modification (or parameter modification) based on position of devices

Fig. 12



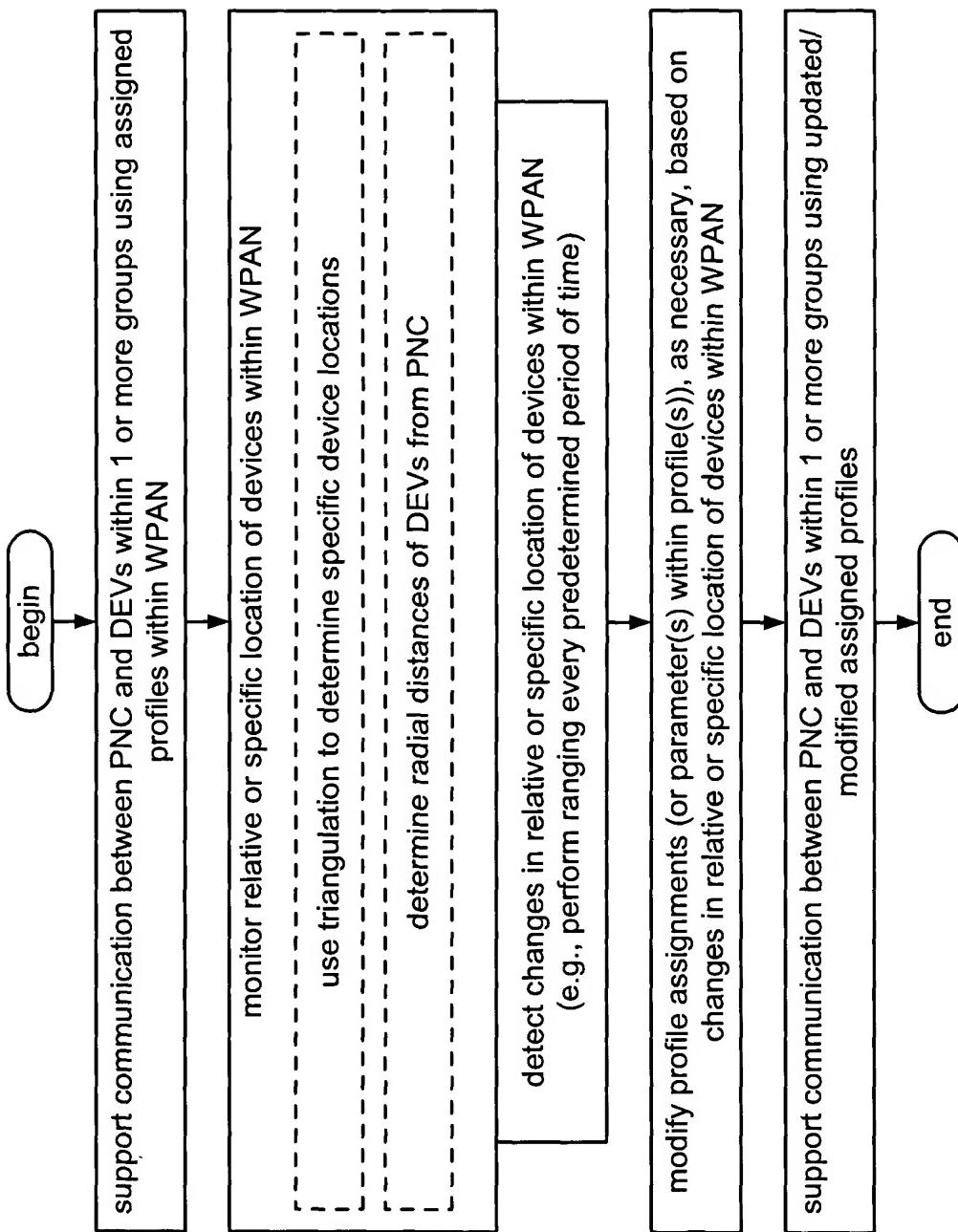
predetermined, finite set of profiles (and corresponding parameters) stored within devices

Fig. 13



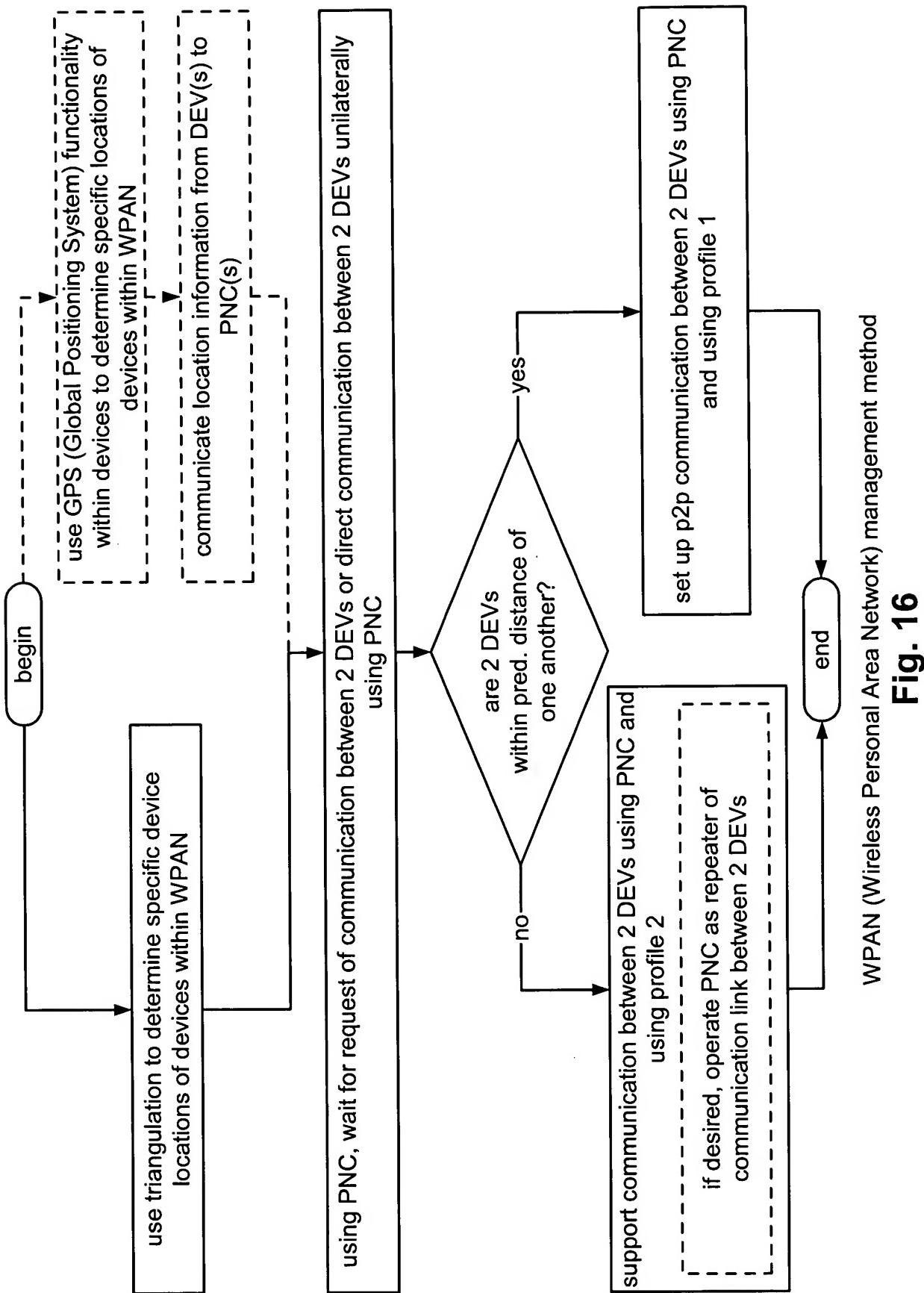
WPAN (Wireless Personal Area Network) management method

Fig. 14



WPAN (Wireless Personal Area Network) management method

Fig. 15

**Fig. 16**

WPAN (Wireless Personal Area Network) management method